

1. NUMBER: <b>FD43-00-018</b>	2. PCN: <b>PB20152</b>	<b>MSFC ENGINEERING CHANGE REQUEST (ECR)</b> (See Instructions - MSFC Form 2327-2)		3. DATE: <b>October 16, 2000</b>	4. PAGE  <b>1 of 1</b>
5. TO: <b>Barbara Cobb/POCB</b>		6. THRU:		7. FROM: <b>Nelda Hiley</b>	
8. TITLE OF CHANGE: <b>Changes to HRF Ground Data Services Requirements for Increments 2 and 3</b>					
9. RECOMMENDED PRIORITY: <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Routine			10. NEED DATE: <b>ASAP</b>		
11. PROGRAM(S)/PROJECT(S) AFFECTED: <b>ISS</b>			12. CONFIGURATION ITEM(S) AFFECTED BY NOMENCLATURE:		
13. RECOMMENDED EFFECTIVITY(IES):			14. DOCUMENTATION AFFECTED (Specs, ICD, etc.): <b>Increments 2 and 3 HRF Ground Data Services data sets (Voice/Data), PRD, NPRD</b>		
15. RELATED CHANGES (ECR, ECP, CR, etc.) BY NUMBER: <b>FD43-99-002, FD43-99-003</b>			15A. INITIATING DOCUMENT NUMBER, e.g., DR, Software Trouble Report, etc.		
16. JUSTIFICATION FOR CHANGE (Include effect if not incorporated). (If necessary, continue on MSFC Form 2327-1 -Continuation Sheet) <b>Data changes to HRF requirements for Increments 2 and 3. HRF no longer requires ISS Payload Ancillary Data (PAD), Broadcast Ancillary Data (BAD), Ground Ancillary Data (GAD), and APID 892. Data rates have changed for APIDs 876, 891, 896, and 897.</b>					
17. EFFECTS ON: <input checked="" type="checkbox"/> Hardware <input checked="" type="checkbox"/> Facility <input type="checkbox"/> Schedule (See Enclosure for impact) <input type="checkbox"/> Requirements Documentation <input type="checkbox"/> Software <input type="checkbox"/> Environment <input type="checkbox"/> Cost (Estimated cost included in Enclosure ) <input type="checkbox"/> Other (Specify):					
18. DESCRIPTION OF CHANGE (Include reference to enclosures). (If necessary, continue on MSFC Form 2327-1-Continuation Sheet) <b>Change HRF Ground Data Services data sets as indicated for Increments 2 and 3. Delete requirements for ISS PAD, BAD, GAD and APID 892 data streams. Change the data rate for APID 876 to 99,075 bits per second (bps). Change the data rate for APID 891 to 10,464 bps. Change the data rate for APID 896 to 1,046,400 bps. Change the data rate for APID 897 to 697,600 bps. Add data mode LOR/COR for identified APIDs.</b>					
19. MOD KIT INFORMATION:					
Yes No				Enclosure	Paragraph
<input type="checkbox"/> <input checked="" type="checkbox"/> Previously issued modification instructions affected? (Explain)					
<input type="checkbox"/> <input checked="" type="checkbox"/> Proofing of modification instructions and kit installation required? (Explain)					
Proofing Location:					
<input type="checkbox"/> <input checked="" type="checkbox"/> Retest required? (Identify test invalidated by change)					
<input type="checkbox"/> <input checked="" type="checkbox"/> Requalification required? (Include description of test plan for requalification)					
Vehicle/Site & CI Serial No.	Change Period	Mod Kit Delivery Date	Est. M/H for Mod Kit Instl.	Out-of-Service Time	
20. SIGNATURE OF ORIGINATOR: <b>Nelda Hiley /s/</b>		DATE: <b>October 16, 2000</b>	TELEPHONE NUMBER: <b>544-5774</b>	OFFICE SYMBOL: <b>FD43</b>	
21. CONCURRENCE					
SIGNATURE	ORG.	DATE	SIGNATURE	ORG.	DATE
22. TECHNICAL APPROVAL					
SIGNATURE	ORG.	DATE	SIGNATURE	ORG.	DATE